

## COMPOSITE MATERIAL FOR CONSTRUCTION

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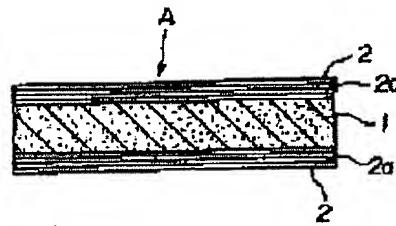
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### Abstract of JP6123158

**PURPOSE:** To manufacture a lightweight, high-strength composite material for construction while easily achieving the strength that could meet design requirements.

**CONSTITUTION:** A composite material for construction comprises a plate-shaped core 1, a fiber sheet 2... stuck to at least one side of the core 1, and resin used for gluing the core 1 and the fiber sheet 2... together and with which the fiber sheet 2... is impregnated. Even if a lightweight, low-strength member is used as the core 1, high strength can be added by the fiber sheet 2... against bending stress. Therefore, the composite

material is used as a lightweight, high-strength building material by using a lightweight core 1.



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